

METHOD AND SYSTEM FOR DATABASE-DRIVEN, SCALABLE WEB PAGE
DEVELOPMENT, DEPLOYMENT, DOWNLOAD, AND EXECUTION

ABSTRACT OF THE INVENTION

A system and method for Web page development, deployment, download, and execution include and utilize a Web page development computer (110), a server computer (140), and a client computer (170). Development computer initializes (301) a page development tool which a developer uses to create a Web page document by placing components (320) on a Web page (220), whereupon the tool incorporates (324) executable code into the Web page document. Server computer stores the Web page document and, upon client computer request, retrieves (714) and sends (716) the Web page document to client computer. Client computer receives the Web page document and displays the corresponding Web page. If the Web page includes a database-related component, client computer requests (1030) data from server computer. After receiving (1032) the corresponding data, the data is displayed (1032) within the database-related component, and state variables are stored (1034) for later use.